Case IV

MICROPOROUS VINYL CHLORIDE POLYMERS AND METHOD OF MAKING THE SAME

Abstract of the Disclosure

This disclosure related to a novel process and to novel products. The products comprise shaped structures of a vinyl chloride polymer having an improved microreticulated structure and are made by a process involving the formation of a dispersion of vinyl polymer particles in certain organic liquids which are non-solvents for the polymer, reduced pressure deaeration of the dispersion and heating of the deaerated dispersion to sinter the vinyl chloride polymer particles to form a microreticulated microporous structure. The products of this invention are particularly useful as filter materials and the process of the invention is especially suited for the formation of shaped porous articles, useful as filters.

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